EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1282	(375/347).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:25
S2	1535	MIMO and ((multiple or several) near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:25
S3	165	S2 and (trellis or TCM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:26
S4	113	S3 and ((symbol near4 transmit$5) with antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:27
S5	42	S3 and ((symbol near4 transmit$5) with antenna with vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:27
S6	21	S4 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:10
S8	0	S6 and ((guess or estimate) with symbol with (first near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:40
S9	3	S6 and (symbol with (first near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 14:51

EAST Search History

S10	2	("6,185,258").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 14:51
S11	1	(US-6185258-$).did.	USPAT	OR	ON	2006/10/27 14:55
S12	1	(US-6473467-$).did.	USPAT	OR	ON	2006/10/27 14:58
S13	35	S2 and (received with symbol with (first near3 antenna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:15
S14	4	S13 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S15	1	(US-20030072452-$).did.	US-PGPUB	OR	ON	2006/10/27 15:13
S16	238	S2 and (received with symbol with decod$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S17	4	S14 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S18	441	S2 and (received same symbol same decod$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:16
S19	52	S18 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19

S20	43	S19 and (symbol same estimate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S21	162	S1 and (first same antenna same symbol same (decod$4 or received))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S22	69	S21 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S23	5	S22 and MIMO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 15:19
S24	2	("4891823").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/27 16:00
S25	1	(US-4891823-$).did.	USPAT	OR	ON	2006/10/27 16:00
S26	1535	MIMO and ((multiple or several) near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
S27	165	S26 and (trellis or TCM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
S28	42	S27 and ((symbol near4 transmit$5) with antenna with vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14

EAST Search History

S29	10	S28 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/27 16:14
S30	39692	(MIMO) or (plural$4 near3 antenna) or (multiple near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:57
S31	397	S30 and (channel near2 matrix) and (coset or trellis or viterbi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:58
S32	82	S31 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:58
S33	24	S32 and (first near3 (vector or matrix)) and (second near3 (vector or matrix))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:58
S34	23	S33 and (column with matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:58
S35	23	S34 and (conjugate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:58
S36	10	S35 and (autocovariance or covariance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 14:58

EAST Search History

S37	1	(Gardner and Jones and Nee and Awater).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:44
S38	75913	(Gardner or Jones or Nee or Awater).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:45
S39	63	(decod$3 and (multi or MIMO) and matrix and antenna and vector).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:48
S40	1	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:46
S41	8465	((375/267,347) or (342/378) or (370/329,338)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/27 20:48
S42	47	S41 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:49
S43	1	S42 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:49
S44	39692	(MIMO) or (plural$4 near3 antenna) or (multiple near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:52

EAST Search History

S45	397	S44 and (channel near2 matrix) and (coset or trellis or viterbi)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:51
S46	82	S45 and @pd<"20030818"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:51
S47	24	S46 and (first near3 (vector or matrix)) and (second near3 (vector or matrix))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:51
S48	23	S47 and (column with matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:51
S49	6098	((370/330,203,335) or (455/427, 101)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/27 20:53
S50	2127	MIMO and ((multiple or several) near3 antenna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:53
S51	211	S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:53
S52	1	S51 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/27 20:54

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Communications, IEEE Transactions on
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Digital Object Identifier 10.1109/26.662641

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☐ **2. Multivariate modulation and coding for wireless communication**
Raleigh, G.G.; Jones, V.K.;
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Jie Zhu; Zhi Ding; Xi-Ren Cao;
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Bauch, G.;
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Naguib, A.F.; Seshadri, N.; Calderbank, A.R.;
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6. **Applying the Calderbank-Mazo algorithm to space-time trellis coding**
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8. **Estimation of co-channel signals with linear complexity**
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9. **Trellis precoding for the broadcast channel**
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10. **Khatri-Rao space-time codes**
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11. **LDPC-based space-time coded OFDM systems over correlated fading cha
Performance analysis and receiver design**
Lu, B.; Xiaodong Wang; Narayanan, K.R.;
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12. **Coding approaches for multiple antenna transmission in fast fading and**
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17. **Upper bound on the error probability for space-time codes in fast fading**
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19. **Iterative decoding and channel estimation for space-time BICM over MIM
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Caire, G.; Colavolpe, G.;
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Piechocki, R.J.; Nix, A.R.; McGeehan, J.P.; Armour, S.M.D.;
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